

XP-002289644

AN - 1990-331826 [10]

A - [001] 014 03- 041 046 047 048 049 050 07- 08- 10- 141 15- 19- 20& 229
24- 300 360 381 456 457 463 476 525 526 582 633 688

AP - JP19890060439 19890313; JP19890060439 19890313; [Based on J02238923]

CPY - KYKO

DC - A32 A92 B07 D22

DR - 1841-U 1846-U 2035-U 5405-U

FS - CPI

IC - B29C49/08 ; B29C49/22 ; B29K105/00 ; B29K105/00 ; B29L22/00 ; B29L22/00

KS - 0132 0135 0183 0205 0229 0239 0246 0247 0248 1283 2199 2202 2304 2461
2544 2545 2673 2774 2780 3173

MC - A08-M02 A11-B10 A12-P01 B04-C03D B04-D02 B12-A01 D09-A01

M1 - [01] H7 H721 M210 M212 M320 M423 M431 M510 M520 M530 M540 M610 M782
M903 M904 M910 N101 Q261 V0 V743; R01841-M; 1327-U 0502-U

- [02] H7 H721 M210 M213 M231 M320 M423 M431 M510 M520 M530 M540 M610
M782 M903 M904 M910 N101 Q261 V0 V743; R01846-M; 1327-U 0502-U

- [03] H1 H100 H181 J0 J014 J1 J171 J3 J373 M280 M314 M315 M316 M323
M332 M342 M381 M382 M383 M393 M423 M431 M510 M520 M530 M540 M620 M782
M903 M904 M910 N101 Q261 V0 V743; R02035-M; 1327-U 0502-U

- [04] M423 M431 M782 M903 N101 P220 Q261 V793; 1327-U 0502-U

M6 - [05] M903 P220 Q261 R501 R531 R740; 1327-U 0502-U

PA - (KYKO) KYORAKU CO LTD

PN - JP2238923 A 19900921 DW199044 000pp

- JP7010558B B2 19950208 DW199510 B29C49/00 003pp

PR - JP19890060439 19890313

XA - C1990-144014

XIC - B29C-049/08 ; B29C-049/22 ; B29K-105/00 ; B29K-105/00 ; B29L-022/00 ;
B29L-022/00

AB - J02238923 Prodn. involves blowing a pressurised fluid into a resin
preform (e.g. a parison) contg. an antibacterial zeolite, so that the
preform is expanded into a cube.

- The antibacterial zeolite may be produced by ion-exchanging Na, Ca, K,
Mg, etc. ions of natural or synthetic zeolite with Ag, Cu, Zn and
ammonium ions. The particle size of the zeolite is pref. 0.2-3
microns. The amt. of zeolite is 2-20 wt.%. The resin is low, middle,
high density PE, PP, ionomers, or polyamide.

- USE/ADVANTAGE - For packaging of foodstuffs and pharmaceuticals,
packaging of tableware, medical equipment, optical equipment,
electronic appts. and biological equipment. The blowing process causes
antibacterial zeolite to be exposed at the surface of the moulded
article. The antibacterial effect is high and long-lasting. (4pp
Dwg.No.0/0)

CN - R01841-M R01846-M R02035-M

DRL - 1327-U 0502-U

IW - ANTIBACTERIAL MOULD RESIN PRODUCE PACKAGE BLOW PRESSURISED FLUID RESIN
PREFORM CONTAIN ANTIBACTERIAL ZEOLITE

IKW - ANTIBACTERIAL MOULD RESIN PRODUCE PACKAGE BLOW PRESSURISED FLUID RESIN
PREFORM CONTAIN ANTIBACTERIAL ZEOLITE

NC - 001

OPD - 1989-03-13

ORD - 1990-09-21

PAW - (KYKO) KYORAKU CO LTD

**TI - Antibacterial moulded resin prodn. for packaging - by blowing
pressurised fluid into resin preform contg. antibacterial zeolite**